

Table 1 - Montana Environmental Custodial Trust East Helena Clean-Up Account - 2016 Final Budget
East Helena 2016 Budget Summary

Level 1 Cost Centers		Level 2 Cost Centers	Cost Code	2015 Original Budget	2015 EPA Approved Budget as of 12/16/2015	2016 Preliminary Budget	2016 Final Budget
A	HDS Water Treatment Plant		II.A	\$257,375	\$257,375	\$166,300	\$166,300
B	General Site Operations & Maintenance		II.B	\$188,200	\$188,200	\$210,900	\$210,900
C	Waste Disposal		II.C	\$21,200	\$21,200	\$13,300	\$13,300
D	Slag Reprocessing		II.D	\$20,000	\$20,000	\$11,800	\$11,800
E	Tenants		II.E	\$5,700	\$5,700	\$5,700	\$5,700
F	RCRA/CAMU Compliance		II.F	\$103,320	\$103,320	\$76,400	\$76,400
I	Risk Assessments		II.I	\$50,000	\$50,000	\$50,000	\$50,000
J	RCRA Corrective Action Implementation	1. South Plant Hydraulic Control (SPHC) IM					
		a. Design	II.J.1.a	\$85,000	\$85,000	\$29,000	\$29,000
		b. Construction	II.J.1.b	\$55,000	\$55,000	\$90,000	\$90,000
		c. O&M	II.J.1.c	\$50,000	\$50,000	\$50,000	\$50,000
		Subtotal SPHC IM	II.J.1	\$190,000	\$190,000	\$169,000	\$169,000
		2. ET Cover System IM					
		a. Design	II.J.2.a	\$175,000	\$175,000	\$26,750	\$26,750
		b. Construction	II.J.2.b	\$530,000	\$411,150	\$0	\$0
		c. O&M	II.J.2.c	\$25,000	\$25,000	\$0	\$0
		Subtotal ET Cover System IM	II.J.2	\$730,000	\$611,150	\$26,750	\$26,750
		3. Source Removal IM					
		a. Design	II.J.3.a	\$195,000	\$195,000	\$50,000	\$50,000
		b. Construction	II.J.3.b	\$20,000	\$20,000	\$0	\$0
		c. O&M	II.J.3.c	\$25,000	\$25,000	\$0	\$0
		Subtotal Source Removal IM	II.J.3	\$240,000	\$240,000	\$50,000	\$50,000
		4. IM/RCRA Support					
		a. IM Work Plan(s)	II.J.4.a	\$75,000	\$75,000	\$31,500	\$31,500
		b. Corrective Measures Study	II.J.4.b	\$1,211,000	\$1,311,000	\$1,339,700	\$1,339,700
		d. Controlled GW Area (CGWA)	II.J.4.d	\$258,000	\$258,000	\$283,000	\$628,000
		g. Long-term Planning	II.J.4.g	\$50,000	\$50,000	\$21,000	\$21,000
		h. Phase II RFI/Soil Characterization	II.J.4.h	\$210,000	\$210,000	\$172,300	\$172,300
		j. Efforts to Avoid MBTA Non-Compliance	II.J.4.j	\$100,000	\$100,000	\$40,000	\$40,000
		Subtotal IM/RCRA Support	II.J.4	\$1,904,000	\$2,004,000	\$1,887,500	\$2,232,500

Table 1 - 2016 Final Budget Summary - East Helena Cleanup Account

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J RCRA Corrective Action Implementation	5. Design Management/Execution					
	a. Project Management/IM	II.J.5.a	\$390,000	\$390,000	\$340,000	\$340,000
	b. Schedule	II.J.5.b	\$51,000	\$51,000	\$41,700	\$41,700
	c. Financial Affairs and Management	II.J.5.c	\$115,000	\$115,000	\$57,800	\$57,800
	d. Sub-contracting	II.J.5.d	\$31,000	\$31,000	\$21,600	\$21,600
	f. Direct Expenses	II.J.5.f	\$30,000	\$30,000	\$26,000	\$26,000
	h. Project Insurance Premium	II.J.5.h	\$200,000	\$105,000	\$150,000	\$150,000
	j. IM Operations and Support	II.J.5.j	\$73,000	\$73,000	\$93,100	\$93,100
	Subtotal Design Management/Execution	II.J.5	\$890,000	\$795,000	\$730,200	\$730,200
	Grand Total RCRA Corrective Action Implementation	II.J	\$3,954,000	\$3,840,150	\$2,863,450	\$3,208,450
K Documents & Records		II.K	\$59,500	\$59,500	\$39,300	\$39,300
M CERCLA Compliance		II.M	\$76,800	\$76,800	\$232,600	\$232,600
N Financial Affairs		II.N	\$105,000	\$45,000	\$105,000	\$105,000
O Redevelopment		II.O	\$30,000	\$30,000	\$15,000	\$15,000
P Community Relations		II.P	\$73,000	\$53,000	\$68,500	\$68,500
R Legal Support		II.R	\$112,080	\$112,080	\$112,100	\$112,100
T Trust Project Management		II.T	\$1,004,667	\$1,004,667	\$890,000	\$890,000
Total Budget - East Helena Cleanup Account:			\$6,060,842	\$5,866,992	\$4,860,350	\$5,205,350
Total Amounts That Require Prior EPA Approval:			\$980,000		\$305,000	\$305,000
Final Budget East Helena Cleanup Account Excluding Amounts That Require Prior EPA Approval:			\$5,080,842		\$4,555,350	\$4,900,350

Table 2 - East Helena Cleanup Account 2015/2016 Two Year Budget

Table 2 - Montana Environmental Custodial Trust East Helena Clean-Up Account - 2015/2016 (2-Year) Budget				
Level 1 Cost Centers	Level 2 Cost Centers	Cost Code	2015/2016 Approved Construction Budget	2015/2016 EPA Approved Budget as of 12/16/2015
A HDS Water Treatment Plant	Subtotal WTP - II.A		\$0	\$0
B General Site Operations & Maintenance	Subtotal Site O&M - II.B		\$0	\$0
C Waste Disposal	Subtotal Waste Disposal - II.C		\$0	\$0
D Slag Reprocessing	Subtotal Slag Reprocessing - II.D		\$0	\$0
E Tenants	Subtotal Tenants - II.E		\$0	\$0
F RCRA/CAMU Compliance	7. CAMU Leachate Treatment/Hauling	II.F.7		
	a. Design	II.F.7.a		
	b. Construction	II.F.7.b	\$575,000	\$0
	c. O&M	II.F.7.c		
	Subtotal RCRA Compliance - II.F		\$575,000	\$0
I Risk Assessments	Subtotal Risk Assessments - II.I		\$0	\$0
J RCRA Corrective Action Implementation	1. South Plant Hydraulic Control (SPHC) IM	II.J.1		
	Subtotal SPHC IM Design - II.J.1.a		\$0	\$0
	b. SPHC IM Construction	II.J.1.b		
	9. PPC Realignment Construction	II.J.1.b.9	\$12,700,000	\$12,135,000
	Subtotal SPHC IM Construction - II.J.1.b		\$12,700,000	\$12,135,000
	c. SPHC IM O&M	II.J.1.c		
	Subtotal PPC Bypass O&M - II.J.1.c		\$0	\$0
	Subtotal SPHC IM Design, Construction and O&M - II.J.1		\$12,700,000	\$12,135,000
	2. ET Cover System IM	II.J.2		
	a. ET Cover System IM Design	II.J.2.a		
	Subtotal ET Cover System IM Design - II.J.2.a		\$0	\$0
	b. ET Cover System IM Construction	II.J.2.b		
	9. ET Cover, ICS 2 and Phase 3 Demo Construction	II.J.2.b.9	\$8,000,000	\$8,000,000
	Subtotal ET Cover System IM Construction - II.J.2.b		\$8,000,000	\$8,000,000
	c. ET Cover System O&M	II.J.2.c		
	Subtotal PPC Bypass O&M - II.J.2.c		\$0	\$0
	Subtotal ET Cover System IM Design, Construction and O&M - II.J.2		\$8,000,000	\$8,000,000
	3. Source Removal/Control IM	II.J.3		
	a. Source Removal/Control IM Design	II.J.3.a		
	3. Source Removal Design	II.J.3.a.3		
	i. Preliminary	II.J.3.a.3.i		
	ii. Final	II.J.3.a.3.ii	\$800,000	\$50,000
	Subtotal Source Removal/Control IM Design - II.J.3.a		\$800,000	\$50,000
	b. Source Removal/Control IM Construction	II.J.3.b		
	2. Wilson Ditch Remediation	II.J.3.b.2	\$350,000	\$0
	3. Source Removal	II.J.3.b.3	\$3,100,000	\$210,000
	Subtotal Source Removal/Control IM Construction - II.J.3.b		\$3,450,000	\$210,000
	c. Source Removal/Control O&M	II.J.3.c		
	Subtotal Source Removal/Control O&M - II.J.3.c		\$0	\$0
	Subtotal Source Removal/Control IM Design, Construction and O&M - II.J.3		\$4,250,000	\$260,000
	4. IM/RCRA Support	II.J.4		
	Subtotal IM/RCRA Support - II.J.4		\$0	\$0
	5. Design Management/Execution	II.J.5		
	Subtotal Design Management/Execution - II.J.5		\$0	\$0
	Total RCRA Corrective Action Implementation - II.J		\$24,950,000	\$20,395,000
K Documents & Records	Subtotal Documents & Records - II.K		\$0	\$0
M CERCLA Compliance	Subtotal CERCLA Compliance - II.M		\$0	\$0
N Financial Affairs	Subtotal Financial Affairs - II.N		\$0	\$0
O Redevelopment	Subtotal Redevelopment - II.O		\$0	\$0
P Community Relations	Subtotal Community Relations - II.P		\$0	\$0
R Legal Support	Subtotal Legal Support - II.R		\$0	\$0
T Trust Project Management	Subtotal Trustee Management - II.T		\$0	\$0
Total Budget - East Helena Cleanup Account:			\$25,525,000	\$20,395,000
Total Amounts That Require Prior EPA Approval:			\$25,525,000	
Final Budget East Helena Cleanup Account Excluding Amounts That Require Prior EPA Approval:			\$0	

Table 3 - Montana Environmental Custodial Trust East Helena Clean-Up Account - 2016 Final Budget								
December 16, 2015								
Level 1 Cost Centers	Level 2 Cost Centers	Cost Code	2015 Original Budget	2015 EPA Approved Budget as of 12/16/2015	2016 Preliminary Budget	2016 Final Budget	Comments	
						2016 Budget Line Items Requiring Prior EPA Approval	Budget line items highlighted in blue have not been fully scoped, costed and/or financially committed by the Custodial Trust. Prior to incurring any charges or making contractual commitments in connection with these activities, the Custodial Trust will secure the prior written approval of EPA.	
A	HDS Water Treatment Plant	1. Water Treatment O&M/Regulatory Compliance	II.A.1	\$257,375	\$257,375	\$166,300	\$166,300	Pursuant to 9-29-2015 AOC with MDEQ, the HDS WTP will remain in operation in 2016. Budget assumes that CT will treat 2.6 million gallons of water in 2016, including: ~0.4 million gallons of remediation water (from Acid Plant source removal); ~2 million gallons of groundwater water for slag pile source area evaluations; ~0.1 million gallons of CAMU leachate; and ~0.01 million gallons of stormwater.
		Subtotal WTP - II.A		\$257,375	\$257,375	\$166,300	\$166,300	
B	General Site Operations & Maintenance	1. Operations & Maintenance	II.B.1	\$111,850	\$111,850	\$134,500	\$134,500	Level funding from 2015 plus \$25k to purchase pallet forklift and snowplow attachment for 924 loader (to eliminate upkeep/maintenance costs for multiple smaller attachments), excluding potential proceeds from sale or salvage of existing equipment.
		2. Office Operations	II.B.2	\$21,000	\$21,000	\$13,000	\$13,000	Level funding from 2015 reduced to reflect 2015 actuals for office supplies.
		3. Health & Safety	II.B.3	\$25,850	\$25,850	\$33,900	\$33,900	Level funding from 2015 plus increased cost to modify/update HASP to reflect changes in plant conditions.
		6. Emergency Response	II.B.6	\$20,000	\$20,000	\$20,000	\$20,000	Level funding from 2015.
		7. Site Office	II.B.7	\$9,500	\$9,500	\$9,500	\$9,500	Level funding from 2015.
		Subtotal Site O&M - II.B		\$188,200	\$188,200	\$210,900	\$210,900	
C	Waste Disposal	1. HDS	II.C.1	\$2,000	\$2,000	\$1,000	\$1,000	Reduced funding based on 2015 actuals.
		2. Contaminated Debris	II.C.2	\$9,650	\$9,650	\$6,000	\$6,000	Reduced funding based on 2015 actuals.
		3. Other Disposal	II.C.3	\$9,550	\$9,550	\$6,300	\$6,300	Reduced funding based on 2015 actuals.
		Subtotal Waste Disposal - II.C		\$21,200	\$21,200	\$13,300	\$13,300	
D	Slag Reprocessing	1. Slag Pile Re-Processing	II.D.1	\$20,000	\$20,000	\$11,800	\$11,800	Reduced funding based on 2015 actuals.
		Subtotal Slag Reprocessing - II.D		\$20,000	\$20,000	\$11,800	\$11,800	
E	Tenants	4. Other Tenants/Land Use Matters	II.E.4	\$5,700	\$5,700	\$5,700	\$5,700	Level funding from 2015.
		Subtotal Tenants - II.E		\$5,700	\$5,700	\$5,700	\$5,700	
F	RCRA/CAMU Compliance	1. Reporting	II.F.1	\$2,000	\$2,000	\$2,000	\$2,000	Level funding from 2015.
		2. Inspections	II.F.2	\$5,000	\$5,000	\$2,000	\$2,000	Reduced funding based on 2015 actuals.
		5. CAMU O&M	II.F.5	\$33,820	\$33,820	\$38,400	\$38,400	Budget covers CAMU #1 and #2: mowing; weed control; vegetation; and leachate pumping, collection and leak detection.
		6. CAMU Closure	II.F.6	\$12,500	\$12,500	\$0	\$0	CAMU #2 closure completed in 2015. Recommend retiring Cost Center.
		7. CAMU Leachate Treatment/Hauling	II.F.7				\$0	
		a. Design	II.F.7.a	\$50,000	\$50,000	\$26,500	\$26,500	Budget based on estimate to design pump station, truck loading pad and transfer tank system for CAMU #1 and #2 (primary and secondary) leachate and groundwater well purge water.
		b. Construction	II.F.7.b	\$0	\$0	\$0	\$0	2015/2016 (2-year) budget included blue-box estimate of \$575K. CT will submit request for EPA approval to unlock budget in 2016 after detailed scope of work to construct leachate pumping/loading/transfer system has been developed.
		c. O&M	II.F.7.c	\$0	\$0	\$7,500	\$7,500	Budget covers nominal costs to winterize leachate pumping/loading/transfer system in fourth quarter of 2016.
		Subtotal RCRA Compliance - II.F		\$103,320	\$103,320	\$76,400	\$76,400	
I	Risk Assessments	1. HHRA	II.I.1	\$25,000	\$25,000	\$25,000	\$25,000	Budget estimate based on LOE to perform SLHHRA as part of surface soil sampling evaluations for CMS parcels (included in Cost Centers II.J.4.h.2. and II.J.4.h.3).
		2. BERA	II.I.2	\$25,000	\$25,000	\$25,000	\$25,000	Budget estimate based on LOE to perform SLHHRA as part of surface soil sampling evaluations for CMS parcels (included in Cost Centers II.J.4.h.2. and II.J.4.h.3).
		Subtotal Risk Assessments - II.I		\$50,000	\$50,000	\$50,000	\$50,000	

Level 1 Cost Centers	Level 2 Cost Centers	Cost Code	2015 Original Budget	2015 EPA Approved Budget as of 12/16/2015	2016 Preliminary Budget	2016 Final Budget	Comments
						2016 Budget Line Items Requiring Prior EPA Approval	Budget line items highlighted in blue have not been fully scoped, costed and/or financially committed by the Custodial Trust. Prior to incurring any charges or making contractual commitments in connection with these activities, the Custodial Trust will secure the prior written approval of EPA.
J	RCRA Corrective Action Implementation	1. South Plant Hydraulic Control (SPHC) IM	II.J.1				
		a. SPHC IM Design	II.J.1.a				
		4. PPC Realignment Design	II.J.1.a.4	\$60,000	\$60,000	\$0	\$0 Work completed in 2015. Recommend retiring Cost Center.
		7. PPC Realignment Permitting	II.J.1.a.7	\$25,000	\$25,000	\$29,000	\$29,000 Budget based on estimated cost to revise PPC design in order to satisfy BNSF railroad requirements and coordination of access requirements with MRL and BNSF.
		Subtotal SPHC IM Design - II.J.1.a		\$85,000	\$85,000	\$29,000	\$29,000
		b. SPHC IM Construction	II.J.1.b				
		5. Easements and Rights-of-Way	II.J.1.b.5	\$30,000	\$30,000	\$15,000	\$15,000 Budget includes costs to secure COEH approval to abandon Rickard St, Sullivan St and portion of South Montana Ave.
		6. Water Delivery - Negotiations	II.J.1.b.6	\$25,000	\$25,000	\$75,000	\$75,000 Budget estimate covers costs to connect realigned PPC to Company Ditch, if required. Blue-box must be unlocked and detailed budget approved by EPA prior to incurring costs.
		9. PPC Realignment Construction	II.J.1.b.9	\$0	\$0	\$0	\$0 2015/2016 (2-year) budget included a blue-box estimate of \$12.7 million. To date EPA has approved a budget of \$12.2 million for this Cost Center.
		Subtotal SPHC IM Construction - II.J.1.b		\$55,000	\$55,000	\$90,000	\$90,000
		c. SPHC IM O&M	II.J.1.c				
		1. PPC Bypass O & M	II.J.1.c.1	\$50,000	\$50,000	\$50,000	\$50,000 Level funding from 2015.
		Subtotal PPC Bypass O&M - II.J.1.c		\$50,000	\$50,000	\$50,000	\$50,000
		Subtotal SPHC IM Design, Construction and O&M - II.J.1		\$190,000	\$190,000	\$169,000	\$169,000
		2. ET Cover System IM	II.J.2				
		a. ET Cover System IM Design	II.J.2.a				
		3. ET Cover System, ICS 2 and Phase 3 Design	II.J.2.a.3	\$80,000	\$80,000	\$0	\$0 Work completed in 2015. Recommend retiring Cost Center.
		4. Stormwater Management/Permitting	II.J.2.a.4	\$45,000	\$45,000	\$11,000	\$11,000 Budget covers costs to update SWPPP for 2016 construction activities.
		5. NW Energy Coordination	II.J.2.a.5	\$25,000	\$25,000	\$0	\$0 Work completed in 2015. Recommend retiring Cost Center.
		9. Source Material Sampling & Analysis	II.J.2.a.9	\$25,000	\$25,000	\$15,750	\$15,750 Budget covers costs to complete topsoil and soil amendment testing for final ET Cover.
		Subtotal ET Cover System IM Design - II.J.2.a		\$175,000	\$175,000	\$26,750	\$26,750
		b. ET Cover System IM Construction	II.J.2.b				
		7. NW Energy Utility Relocate	II.J.2.b.7	\$500,000	\$381,150	\$0	\$0 Work completed in 2015. Recommend retiring Cost Center.
		8. ICS 1 Construction	II.J.2.b.8	\$30,000	\$30,000	\$0	\$0 Work completed in 2015. Recommend retiring Cost Center.
		9. ET Cover, ICS 2 and Phase 3 Demo Construction	II.J.2.b.9	\$0	\$0	\$0	\$0 2015/2016 (2-year) budget included a blue-box estimate of \$8.0 million. To date EPA has approved a budget of \$8.0 million for this Cost Center.
		Subtotal ET Cover System IM Construction - II.J.2.b		\$530,000	\$411,150	\$0	\$0
		c. ET Cover System O&M	II.J.2.c				
		1. ET Cover System/ICS O & M	II.J.2.c.1	\$25,000	\$25,000	\$0	\$0 2016 O&M costs included in ET Cover construction (Cost Center II.J.2.B.9).
		Subtotal PPC Bypass O&M - II.J.2.c		\$25,000	\$25,000	\$0	\$0
		Subtotal ET Cover System IM Design, Construction and O&M - II.J.2		\$730,000	\$611,150	\$26,750	\$26,750
		3. Source Removal/Control IM	II.J.3				
		a. Source Removal/Control IM Design	II.J.3.a				
		1. Source Removal/Control Decision Model	II.J.3.a.1	\$15,000	\$15,000	\$0	\$0 Work no longer required. Recommend retiring Cost Center.
		3. Source Removal Design	II.J.3.a.3				
		i. Preliminary	II.J.3.a.3.i	\$130,000	\$130,000	\$0	\$0 Work completed in 2015. Recommend retiring Cost Center.
		ii. Final	II.J.3.a.3.ii	\$0	\$0	\$0	\$0 2015/2016 (2-year) budget included blue-box estimate of \$800K. CT will submit request for EPA approval to unlock budget in 2016 after detailed scope of work and accompanying cost estimate for Source Control/Removal design have been developed.
		5. Tito Park Permitting	II.J.3.a.5	\$10,000	\$10,000	\$10,000	\$10,000 Based covers estimated cost to follow-up with MDEQ on water quality monitoring for TPA discharge to PPC.
		6. Wilson Ditch Remedy	II.J.3.a.6	\$40,000	\$40,000	\$40,000	\$40,000 Work not performed in 2015. Recommend transfer of budget to 2016.
		Subtotal Source Removal/Control IM Design - II.J.3.a		\$195,000	\$195,000	\$50,000	\$50,000

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J	b. Source Removal/Control IM Construction	II.J.3.b					
	1. Tito Park Construction	II.J.3.b.1	\$20,000	\$20,000	\$0	\$0	Work completed in 2015. Recommend retiring Cost Center.
	2. Wilson Ditch Remediation	II.J.3.b.2	\$0	\$0	\$0	\$0	2015/2016 (2-year) budget included blue-box estimate of \$350K. CT will submit request for EPA approval to unlock budget in 2016 after detailed scope of work and accompanying cost estimate for remediation of Wilson Ditch have been developed.
	3. Source Removal	II.J.3.b.3	\$0	\$0	\$0	\$0	2015/2016 (2-year) budget included blue-box estimate of \$3.1 million. To date, EPA has approved a budget of \$210k for this Cost Center. The CT will submit request for EPA approval to unlock some or all of the remaining budget in 2016 after detailed scope of work and accompanying cost estimate for Source Control/Removal actions have been developed.
	Subtotal Source Removal/Control IM Construction - II.J.3.b		\$20,000	\$20,000	\$0	\$0	
	c. Source Removal/Control O&M	II.J.3.c					
	1. Tito Park O & M	II.J.3.c.1	\$25,000	\$25,000	\$0	\$0	2016 O&M costs included in PPC Realignment construction budget (Cost Center II.J.1.B.9).
	Subtotal Source Removal/Control O&M - II.J.3.c		\$25,000	\$25,000	\$0	\$0	
	Subtotal Source Removal/Control IM Design, Construction and O&M - II.J.3		\$240,000	\$240,000	\$50,000	\$50,000	
	4. IM/RCRA Support	II.J.4					
	a. IM Work Plan(s)	II.J.4.a	\$75,000	\$75,000	\$31,500	\$31,500	Budget based on estimate to finalize 2015/2016 IMWP addenda.
	b. Corrective Measures Study	II.J.4.b					
	1. CMS Work Plan	II.J.4.b.1	\$15,000	\$15,000	\$0	\$0	Work completed in 2015. Recommend retiring Cost Center.
	2. Source Area Evaluations/Studies	II.J.4.b.2	\$200,000	\$228,000	\$327,000	\$327,000	Budget covers estimated costs to: collect additional soil borings and/or monitoring wells; perform soil sampling and testing; implement aquifer testing; perform groundwater/soil treatability testing; and implement additional investigations of the slag pile. Costs for additional studies required to support CMS, including analysis of GW remedy options and conceptual design activities are included in Cost Center II.J.4.b.4.
	3. GW Flow/Contaminant Transport Modeling	II.J.4.b.3	\$250,000	\$290,000	\$183,800	\$183,800	Budget covers costs for GW modeling team to perform additional GW flow, fate and transport modeling required to support the CGWA petition, IMs (including results of Source Area Investigations), CMS evaluations, etc.
	4. Tier II GW Evaluations	II.J.4.b.4	\$73,000	\$105,000	\$60,400	\$60,400	Budget covers costs to: complete CMS remedy evaluations; incorporate results of Source Area Investigations and additional GW modeling; prepare technical memo(s) documenting analyses and recommendations; and present findings to beneficiaries.
	5. Conceptual Site Models	II.J.4.b.5	\$10,000	\$10,000	\$42,300	\$42,300	Budget covers costs to update CSM to reflect new information from additional soil sampling, Source Area Investigations and GW modeling results. Activities to be coordinated with 2015 CAMP activities.
	6. Comprehensive GW Plan and Strategy	II.J.4.b.6	\$75,000	\$75,000	\$47,300	\$47,300	Budget covers costs for additional groundwater planning and strategy activities in 2016.
	7. 2015 CAMP	II.J.4.b.7					
	i. Analytical Services	II.J.4.b.7.i	\$150,000	\$150,000	\$162,800	\$162,800	Budget covers estimated costs for 2016 CAMP laboratory analyses.
	ii. Database Management	II.J.4.b.7.ii	\$50,000	\$50,000	\$38,900	\$38,900	Budget covers estimated costs for CAMP database management activities.
	iii. Well Integrity Survey and Repairs	II.J.4.b.7.iii	\$20,000	\$20,000	\$37,200	\$37,200	Budget covers estimated costs to: survey and repair wells; and perform well extensions on plant site (due to ET Cover).
	iv. CAMP Implementation & GW/SW Characterization	II.J.4.b.7.iv	\$325,000	\$325,000	\$325,000	\$325,000	Budget covers estimated costs for: sampling and data collection; ongoing data review/analysis; evaluation and bi-monthly distribution of groundwater/surface water quality data; semi-annual arsenic, selenium and other potential COPC plume maps; and ongoing updates to trending data for all monitoring wells. Budget assumes level funding from 2015.
	v. Planning and Reporting	II.J.4.b.7.v	\$43,000	\$43,000	\$16,800	\$16,800	Budget covers estimated costs to prepare monitoring plan and data summary reports.
	8. CMS Report Preparation	II.J.4.b.8	\$0	\$0	\$98,200	\$98,200	Budget covers costs to prepare draft CMS Report, including costs for technical and beneficiary strategy meetings, preparing draft CMS report and incorporating/responding to beneficiary comments.
	d. Controlled GW Area (CGWA)	II.J.4.d	\$258,000	\$258,000	\$283,000	\$628,000	Budget covers costs for: technical support to implement CGWA (assuming DNRC final rule in 2Q2016); logistical and financial support for WQPD implementation of CGWA and TAG; abandoning all 20 remaining private wells in East Helena; drilling 2 new drinking water wells to replace residential wells with constituents at/near MCL; drilling 3 deep groundwater wells to evaluate and monitor groundwater quality in Subarea 1 and 2; and support landowner requests for new well permit requests.
	g. Long-term Planning	II.J.4.g	\$50,000	\$50,000	\$21,000	\$21,000	Budget covers costs to prepare conceptual-level long-term technical plans and revise/update EH financial planning tool. Note: Cost Center II.J.4.g.1 and Cost Center II.J.4.g.2 have been merged into one Cost Center.
	h. Phase II RFI/Soil Characterization (CMS Parcels)	II.J.4.h					
	2. Scoping	II.J.4.h.2	\$10,000	\$10,000	\$0	\$0	Work completed in 2015. Recommend retiring Cost Center.
	3. Implementation	II.J.4.h.3	\$200,000	\$200,000	\$172,300	\$172,300	Budget covers costs for majority of work (not performed in 2015) including CMS parcel sampling, analysis and reporting.
	j. Efforts to Avoid MBTA Non-Compliance	II.J.4.j	\$100,000	\$100,000	\$40,000	\$40,000	Budget covers estimates to implement 2016 activities required for compliance with MBTA.
	Subtotal IM/RCRA Support - II.J.4		\$1,904,000	\$2,004,000	\$1,887,500	\$2,232,500	

Level 1 Cost Centers		Level 2 Cost Centers	Cost Code	2015 Original Budget	2015 EPA Approved Budget as of 12/16/2015	2016 Preliminary Budget	2016 Final Budget	Comments
						2016 Budget Line Items Requiring Prior EPA Approval	Budget line items highlighted in blue have not been fully scoped, costed and/or financially committed by the Custodial Trust. Prior to incurring any charges or making contractual commitments in connection with these activities, the Custodial Trust will secure the prior written approval of EPA.	
J	RCRA Corrective Action Implementation	5. Design Management/Execution	II.J.5					
		a. Project Management/IM Development	II.J.5.a	\$390,000	\$390,000	\$340,000	\$340,000	Budget assumes reduced funding in 2016.
		b. Schedule	II.J.5.b	\$51,000	\$51,000	\$41,700	\$41,700	Budget covers costs for program-wide scheduling deliverables.
		c. Financial Affairs and Management Reports	II.J.5.c	\$115,000	\$115,000	\$57,800	\$57,800	Budget covers costs for routine project financial reporting, invoicing and other project controls.
		d. Sub-contracting	II.J.5.d	\$31,000	\$31,000	\$21,600	\$21,600	Budget covers costs for administering and managing multiple subcontracts.
		f. Direct Expenses	II.J.5.f	\$30,000	\$30,000	\$26,000	\$26,000	Budget covers costs for third-party direct expenses.
		h. Project Insurance Premium	II.J.5.h	\$200,000	\$105,000	\$150,000	\$150,000	Budget covers estimate for 2016 site-specific insurance premium required for PPC construction. Blue-box must be unlocked and detailed budget approved by EPA prior to incurring cost.
		j. IM Operations and Support	II.J.5.j	\$73,000	\$73,000	\$93,100	\$93,100	Budget covers costs for site operators and other contractors to support site demolition and other IM activities to be authorized on an as needed basis.
		Subtotal Design Management/Execution - II.J.5			\$890,000	\$795,000	\$730,200	\$730,200
Total All RCRA Corrective Action Implementation Design & Construction - II.J			\$3,954,000	\$3,840,150	\$2,863,450	\$3,208,450		
K	Documents & Records	1. System Set-up	II.K.1	\$23,500	\$23,500	\$21,300	\$21,300	Budget covers costs to complete set up of on-line document system (VDR) (Alfresco), including on-going compilation of documents, converting to OCR, indexing and filing. Budget proposes to transfer funds from 2014 and 2015 to 2016.
		3. System Maintenance	II.K.3	\$36,000	\$36,000	\$18,000	\$18,000	Budget covers estimated costs to maintain Alfresco system.
		Subtotal Documents & Records - II.K			\$59,500	\$59,500	\$39,300	\$39,300
M	CERCLA Compliance	1. CERCLA/ROD Compliance	II.M.X	\$76,800	\$76,800	\$232,600	\$232,600	Budget includes costs for: East Fields soil repository erosion control measures; management and maintenance of mini-soil repository; weed control; removal of Manlove railroad spur; and \$175k for purchase of used 924 loader (to replace existing, older equipment) excluding potential proceeds from sale or salvage of existing equipment.
		Subtotal CERCLA Compliance - II.M			\$76,800	\$76,800	\$232,600	\$232,600
N	Financial Affairs	1. CPA Services	II.N.1	\$45,000	\$45,000	\$45,000	\$45,000	Level funding from 2015.
		2. Design and Construction Audit Service	II.N.4	\$60,000	\$0	\$60,000	\$60,000	Budget based on estimated cost for third-party audit of engineering design and construction services. Blue-box must be unlocked and detailed budget approved by EPA prior to incurring cost.
		Subtotal Financial Affairs - II.N			\$105,000	\$45,000	\$105,000	\$105,000
O	Redevelopment	1. Redevelopment Plans	II.O.1	\$10,000	\$10,000	\$5,000	\$5,000	Budget assumes limited land use planning support for 2016.
		2. Redevelopment Support	II.O.2	\$10,000	\$10,000	\$5,000	\$5,000	Budget assumes limited land use planning support for 2016.
		3. Redevelopment Issues	II.O.3	\$10,000	\$10,000	\$5,000	\$5,000	Budget assumes limited technical/logistical support to address redevelopment issues and local land use regulations.
		Subtotal Redevelopment - II.O			\$30,000	\$30,000	\$15,000	\$15,000

Level 1 Cost Centers		Level 2 Cost Centers	Cost Code	2015 Original Budget	2015 EPA Approved Budget as of 12/16/2015	2016 Preliminary Budget	2016 Final Budget	Comments	
							2016 Budget Line Items Requiring Prior EPA Approval	Budget line items highlighted in blue have not been fully scoped, costed and/or financially committed by the Custodial Trust. Prior to incurring any charges or making contractual commitments in connection with these activities, the Custodial Trust will secure the prior written approval of EPA.	
P	Community Relations	1. General Meetings	II.P.1	\$4,000	\$4,000	\$3,000	\$3,000	2016 budget reduced based on prior year actuals.	
		2. RCRA Annual Public Meeting	II.P.2	\$4,000	\$4,000	\$3,000	\$3,000	2016 budget reduced based on prior year actuals.	
		3. East Helena Website	II.P.3	\$10,000	\$10,000	\$7,500	\$7,500	Budget covers costs to revise, upload and maintain website. Costs reduced based on prior year actuals.	
		4. Community Involvement/Relations Plan	II.P.4	\$20,000	\$0	\$20,000	\$20,000	Budget covers potential costs for support from community relations specialist. Blue-box must be unlocked and detailed budget approved by EPA prior to incurring cost.	
		5. Other CR activities	II.P.5	\$35,000	\$35,000	\$35,000	\$35,000	Budget includes costs for: periodic fact sheets, newsletters and updates on project status; logistical and other support for community tours and meetings; updates to PPC video; routine aerial photography; and funding for Exploration Works PPC Realignment project.	
		Subtotal Community Relations - II.P			\$73,000	\$53,000	\$68,500	\$68,500	
R	Legal Support	1. Outside Council Fees & Expenses	II.R.1	\$67,080	\$67,080	\$30,000	\$30,000	Reduced funding based on 2015 actuals.	
		2. In-house Legal Services	II.R.2	\$45,000	\$45,000	\$82,100	\$82,100	Increased funding based on 2015 actuals.	
		Subtotal Legal Support - II.R			\$112,080	\$112,080	\$112,100	\$112,100	
T	Trust Project Management	4. GW and PPC Project Management	II.T.4	\$80,160	\$80,160	\$81,900	\$81,900	Budget assumes 0.35 FTE in 2016 (same as 2015).	
		6. Compliance Manager	II.T.6	\$56,160	\$56,160	\$56,100	\$56,100	Budget assumes 0.25 FTE in 2016 (same as 2015).	
		7. Operations Manager	II.T.7	\$87,750	\$87,750	\$98,600	\$98,600	Budget assumes 0.60 FTE in 2016 (compared to 0.65 FTE in 2015).	
		8. Operations Support Specialist	II.T.8	\$36,265	\$36,265	\$36,000	\$36,000	Budget assumes 0.3 FTE in 2016 (same as 2015).	
		9. Project Controls/Financial Affairs Coordinator	II.T.9	\$175,968	\$175,968	\$153,900	\$153,900	Budget assumes 0.50 FTE in 2016 (compared to 0.65 FTE in 2015).	
		11. Trustee Management EH Clean Up	II.T.11	\$439,764	\$439,764	\$379,400	\$379,400	Budget assumes: 0.40 FTE (compared to 0.33 FTE in 2015) in 2016 for managing principal and 0.45 FTE for RCRA Director (compared to 0.75 FTE in 2015)	
		12. Trustee Land Use & Re-use	II.T.12	\$93,600	\$93,600	\$49,100	\$49,100	Budget assumes 0.15 FTE in 2016 (compared to 0.20 FTE in 2015).	
		13. Trustee Travel and Directs	II.T.13	\$35,000	\$35,000	\$35,000	\$35,000	Level funding from 2015.	
		Subtotal Trustee Management - II.T			\$1,004,667	\$1,004,667	\$890,000	\$890,000	
		Total Budget - East Helena Cleanup Account:				\$6,060,842	\$5,866,992	\$4,860,350	\$5,205,350
Total Amounts That Require Prior EPA Approval:				\$980,000		\$305,000	\$305,000		
Final Budget East Helena Cleanup Account Excluding Amounts That Require Prior EPA Approval:				\$5,080,842		\$4,555,350	\$4,900,350		